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## REMARKS

Claims 1-56 are pending.

In the present Office Action, claims 1-8, 10-16, 18-22, 25-36, 39-52 and 54-56 stand rejected under 35 U.S.C. § 102(b) as being anticipated by newly cited U.S. Patent No. 5,724,091 (hereinafter "Freeman"). In addition, claims 9, 17, 23-24, 37-38 and 53 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Freeman in view of U.S. Patent No. 6,289,165 (hereinafter "Abecassis"). Applicant has carefully reviewed the newly cited reference and submits at least each of the independent claims recite features which are not disclosed by Freeman and/or Abecassis. Accordingly, Applicant respectfully traverses the above rejections and requests reconsideration.

As noted above, each of independent claims 1, 15, 20, 31, and 45 are rejected as being anticipated by Freeman. However, Applicant disagrees. It is first noted that the presently claimed invention and the Freeman reference are directed to different ends. The presently claimed invention is generally directed to systems and methods for providing an instant replay. To that end, various features are recited wherein a viewer provides input indicating a desire to replay a portion of program. In contrast, Freeman is generally directed an interactive system using multiple related video signals. By switching between broadcast signals, interactivity may be simulated. As discussed below, Freeman nowhere discloses the features regarding replay of a given portion as recited.

For example, claim 1 recites a method which includes "providing input from a viewer which indicates a desire to replay the portion of the program from a second perspective of the plurality of perspectives." In the present Office Action, Freeman is cited as disclosing these features in col. 6, lines 23-34, and col. 6, line 43-col. 7, line 30. However, Applicant submits there is no such disclosure therein. Rather, this disclosure of Freeman merely describes a multiple choice controller 9 may be used to select a particular video signal for playback (e.g. to change the channel or signal). As recited, the input provided from the viewer indicates a desire to replay the portion (the portion

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referring to the previously recited presented first perspective) from a second perspective. In the disclosure of Freeman, there is no connection between the multiple choice controller and an indication to replay the portion, whether from the same or a different perspective. Freeman, as described below, discloses an example wherein four video signals may be transmitted:

> "It might be desired to have four video signals (A-D, for example) for the particular interactive sporting event. . . . (signal A) may contain the standard broadcast signal of the game; . . . (signal B) may contain a dose-up view of the game action; . . . (signal C) may contain a continuously updated replay of game highlights; . . . (signal D) may contain statistical information. . . . These four signals may, however, be mapped by controller 9, or signal selector 8, to play as separate channel displays for the user which, when the viewer makes choices on the multiple choice controller, a seamless switch occurs therebetween." (Freeman, col. 7, lines 8-28).

As can be seen, a viewer is merely provided the option of changing from one video signal to another. Further, the Freeman disclosure regarding "replay" is not as recited. Rather, in Freeman this simply refers to a video signal which "may contain a continuously updated replay of game highlights." There is no disclosure or suggestion that the second video signal provides a second perspective of the previously presented program (presented in a first perspective). Due to the instant replay nature of the presently claimed invention, there is a relationship between the recited portion of the program, the input indicating a desire to replay the portion, and in this case the recited first and second perspectives. Freeman is not directed to, and does not disclose, such a system.

In addition to the above, claim 1 further recites the features "identifying in the first perspective a first point in time in the program which corresponds to the beginning of said portion, responsive to the input; automatically determining a second point in time in the second perspective, wherein the second point in time comprises an approximation of the first point in time in the program." Accordingly, the portion is presented from a

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first perspective and an identification of the beginning of the already presented portion is provided. An approximation of the beginning of that portion in a second perspective is then automatically determined. Applicant has reviewed the portions of Freeman cited as disclosing these features, but can find no such disclosure. Numerous, in some cases non-specific (e.g., "lines 1+"), portions of Freeman are cited as disclosing at least the above highlighted features. As such citations are discussed below.

Col. 6, lines 23-34

This disclosure merely describes the transmission of data streams. There is no disclosure concerning automatically determining a second point in time as recited.

Col. 6, line 43 – col. 7, line 30

As discussed above, this disclosure merely concerns the transmission of multiple data streams (e.g., multiplexed video signals), and the ability to select between them. There is no disclosure concerning automatically determining a second point in time as recited.

Col. 10, line 50 – col. 12, line 30

This disclosure generally describes FIG. 3 of Freeman which depicts a interactive program box configured to provide a seamless video switch between two or more signals. In this disclosure, Freeman describes the use of buffers to support the "seamless" switching between signals. However, the above recited features are not disclosed. In Freeman, one merely switches from one video signal to another.

Col. 13, line 36 – col. 14, line 1+

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Here again, Freeman discloses the use of a buffer to provide for seamless switching. As disclosed, the buffer must be large enough to provide video frames for output during the time it takes the demodulator and demultiplexer to switch to video signal C and the time required for decompression, decoding, and synchronization of the signal. However, the recited features are not disclosed herein.

Col. 15, line 16 – col. 16, line 1+

This disclosure of Freeman is directed to synchronization of signals and switching. Various clock and time code features are described to support such synchronization. As can be seen from FIG. 6 and the related description, the above recited features are not disclosed.

As the additional features "identifying in the first perspective a first point in time in the program which corresponds to the beginning of said portion, responsive to the input; automatically determining a second point in time in the second perspective, wherein the second point in time comprises an approximation of the first point in time in the program" are not disclosed by Freeman, claim 1 is patentably distinguishable for at least these additional reasons as well.

In view of the above, Applicant submits claim 1 is patentably distinct from the cited art, taken either singly or in combination. As each of independent claims 15, 20, 31 and 45 include features similar to those of claim 1, each of these claims are patentably distinct as well. Accordingly, all claims are distinguishable from the cited art.

Additional Features Not Disclosed or Suggested

Claim 6 recites "periodically storing meta-data corresponding to each of one or more of the received plurality of perspectives of the program, said meta-data comprising

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at least time and offset information for each of the corresponding one or more plurality of perspectives." In the Office Action, col. 11, line 4 – col. 12, line 24 of Freeman is cited as disclosing these features. However, this disclosure of Freeman describes the buffering, demodulation, decompression, and decoding of video signals. Nowhere is the periodic storing of meta-data as recited disclosed.

Claim 11 recites the additional features "wherein determining the second point in time in the second perspective comprises locating an offset in the second perspective which is near the first offset." The same portion of Freeman recited as disclosing the features of claim 6 is cited as disclosing these features as well. However, as already discussed, this disclosure of Freeman simply describes the buffering, demodulation, decompression, and decoding of video signals. Nowhere is the periodic storing of meta-data as recited disclosed.

Claim 12 recites particular features regarding the determining of the second point in time. There is nothing in the entirety of Freeman and/or Abecassis that remotely resembles such features.

Claims 13-14 recite features directed to offsets in relation to MPEG I-frames. Freeman simply states that packets may contain full compressed frames of video (I frames). However, Freeman discloses nothing concerning the offsets, perspectives, or approximated offset as recited in the claims.

Still further, claim 56 recites features directed to interpolation which is nowhere disclosed by the cited art.

In view of the discussion above, Applicant believes all claims to be in condition for allowance and withdrawal of the rejections is requested.
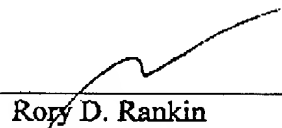
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## CONCLUSION

Applicant submits the application is in condition for allowance, and an early notice to that effect is requested.

If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C. Deposit Account No. 501505/5266-05200/RDR.

Respectfully submitted,

Rory D. Rankin
Reg. No. 47,884
ATTORNEY FOR APPLICANT(S)

Meyertons, Hood, Kivlin,
   Kowert, & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398
Phone: (512) 853-8800

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